



STATE OF MARYLAND

# DHMH

**Maryland Department of Health and Mental Hygiene**  
300 W. Preston Street, Suite 202, Baltimore, Maryland  
21201

Martin O'Malley, Governor – Anthony G. Brown, Lt. Governor – Joshua M. Sharfstein, M.D., Secretary

**Office of Preparedness & Response**

Sherry Adams, R.N., C.P.M, Director

Isaac P. Ajit, M.D., M.P.H., Deputy Director

## Weekly Heat-related Illness Surveillance Report

**August 14, 2012**

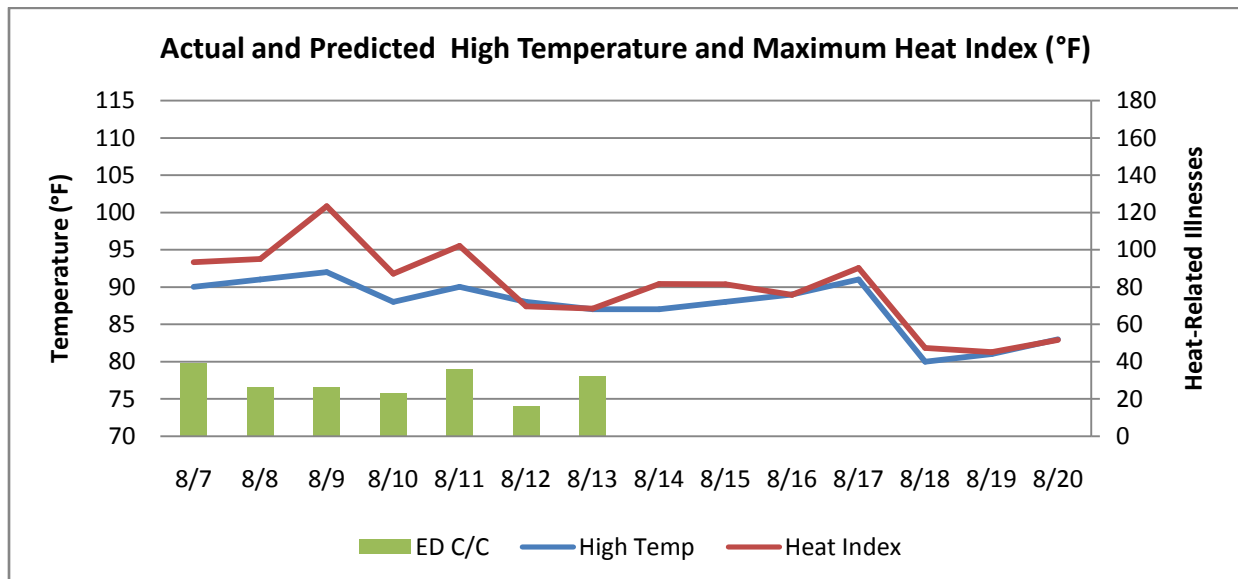
**Reporting for 08/07/12 through 08/13/12**

This information is used to make a Heat Advisory but is not a Heat Advisory in itself.

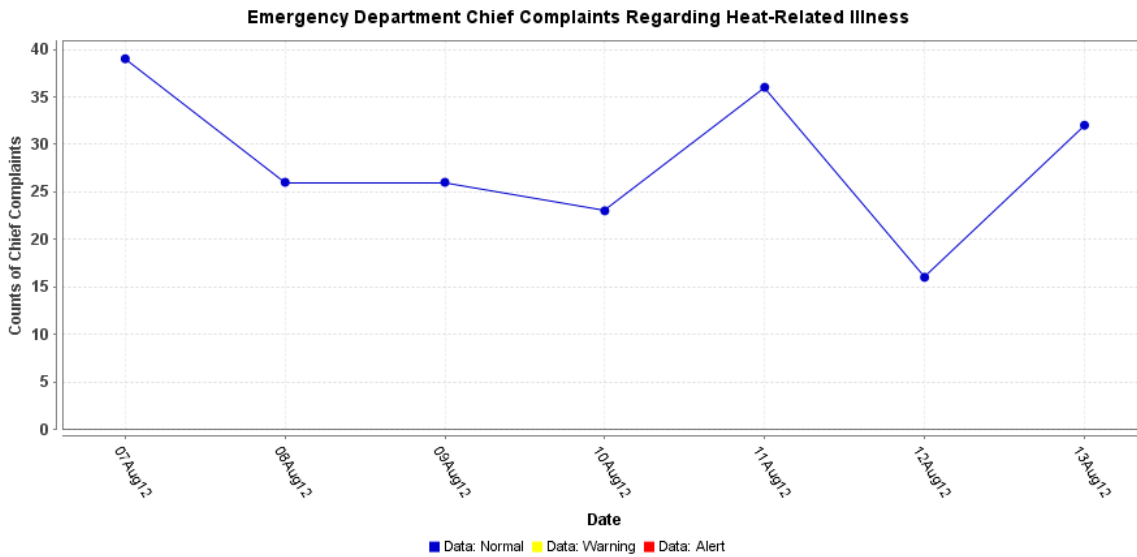
**National Weather Service Forecast:** No hazardous weather forecasted

**Heat Advisories Declared During the Previous Week: 0**

**Total Heat Advisories Declared This Year: 14**



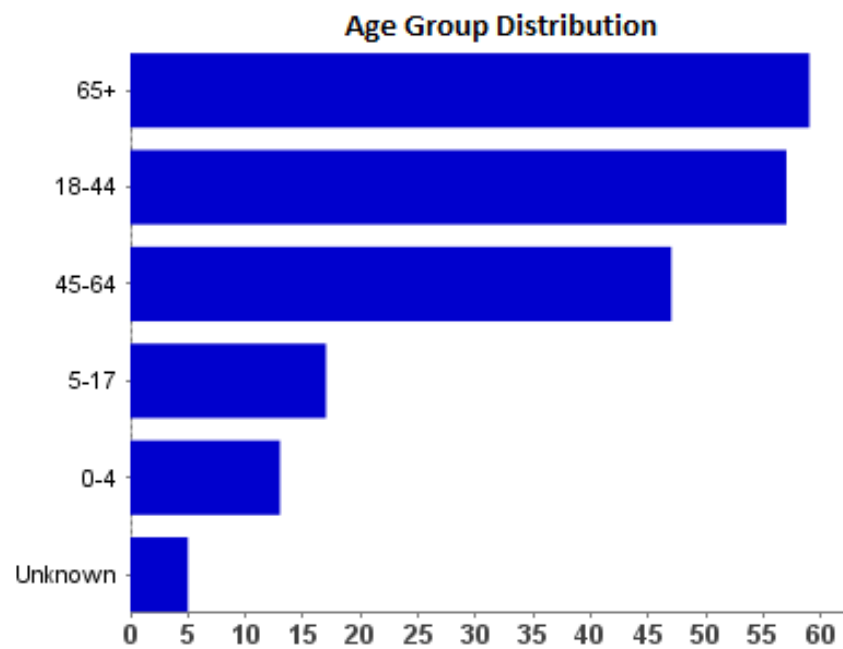
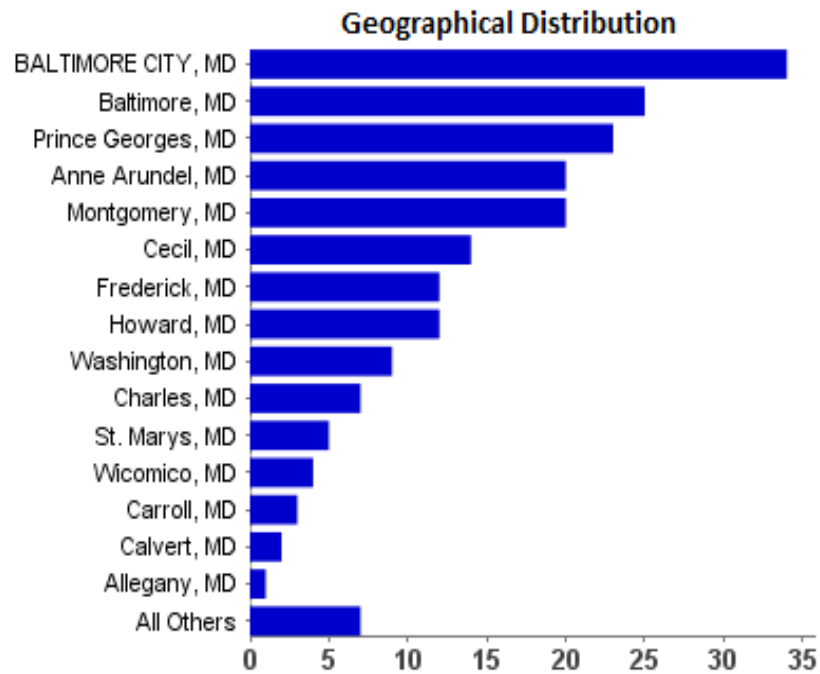
*Heat Indexes are calculated for temperatures above 80°F with humidity of 43% or greater.*



Date	Number of Chief Complaints Regarding Heat-related Illnesses State of Maryland
August 7	39
August 8	26
August 9	26
August 10	23
August 11	36
August 12	16
August 13	32

\*Note: ESSENCE chief complaint query contains the following terms: hyperthermia, heat, dehydration, and sun burn

There were no chief complaint clusters identified during the week.



Total Number of Confirmed Heat-related Deaths to Date	Jurisdiction <sup>#</sup>	Age Group	Sex
40	Montgomery County	45-64 Years Old	Male
	Washington County	45-64 Years Old	Male
	Wicomico County	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Baltimore County	65+ Years Old	Male
	Montgomery County	65+ Years Old	Male
	Baltimore City	45-64 Years Old	Male
	Baltimore County	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Harford County	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Wicomico County	65+ Years Old	Female
	St. Mary's County	65+ Years Old	Male
	Prince George's County	65+ Years Old	Male
	Baltimore City	45-64 Years Old	Male
	Baltimore County	65+ Years Old	Female
	Prince George's County	45-64 Years Old	Male
	Baltimore City	45-64 Years Old	Male
	Washington County	45-64 Years Old	Male
	Montgomery County*	45-64 Years Old	Male
	Prince George's County*	65+ Years Old	Female
	Harford County*	45-64 Years Old	Male
	Baltimore County*	65+ Years Old	Male
	Baltimore City*	65+ Years Old	Male
	Baltimore City*	65+ Years Old	Female
	Anne Arundel County*	65+ Years Old	Female
	Queen Anne's County*	45-64 Years Old	Male
	Prince George's County*	45-64 Years Old	Male
	Baltimore County*	65+ Years Old	Male
	Wicomico County*	65+ Years Old	Male
	Baltimore County*	65+ Years Old	Female
	Montgomery County*	65+ Years Old	Male
	Kent County <sup>\$*</sup>	65+ Years Old	Female
	Kent County <sup>\$*</sup>	65+ Years Old	Male
	Baltimore City <sup>\$*</sup>	45-64 Years Old	Male
	St. Mary's County <sup>\$*</sup>	45-64 Years Old	Male
	Baltimore City <sup>\$*</sup>	45-64 Years Old	Female
	Montgomery <sup>\$*</sup>	45-64 Years Old	Male

<sup>#</sup>Refers to the jurisdiction where the heat-related death occurred

\*Deaths that did not occur during the June 29 – July 8 complex heat emergency

<sup>\$</sup>Deaths that occurred earlier in the summer that were not confirmed as heat-related until the current reporting period

There have been a total of 40 heat-related deaths thus far in 2012.

**Heat Advisory criteria:** The National Weather Service will issue a Heat Advisory when the heat index value is expected to reach 105 to 109 degrees within the next 12 to 24 hours. A Heat Advisory may be issued for lower criteria if it is early in the season or during a multi-day heat wave. NWS will issue an Excessive Heat Warning when the heat index value is expected to reach or exceed 110 degrees within the next 12 to 24 hours. An Excessive Heat Warning may be issued for lower criteria if it is early in the season or during a multi-day heat wave.

**Note:** The heat report will be released on Tuesdays, with the reporting period being the previous Tuesday through Monday. The results from the query used in ESSENCE to track heat-related illnesses may be an overestimation of the actual burden of illness related to the hot weather. This overestimation is due to the nature of the query, which includes the term dehydration, a condition that may be caused by factors other than heat. OP&R will be issuing heat reports through the beginning of September 2012.

**Prepared by:** Anikah Salim, MPH, CPH  
Biosurveillance Epidemiologist  
Office of Preparedness and Response  
Maryland Department of Health & Mental Hygiene  
300 W. Preston Street, Suite 202  
Baltimore, MD 21201  
Office: 410-767-2074  
Fax: 410-333-5000  
Email: Anikah.Salim@maryland.gov

Joseph H. Anelli  
Special Projects Coordinator  
Office of Preparedness and Response  
Maryland Department of Health and Mental Hygiene  
300 W. Preston Street, Suite 202  
Baltimore, MD 21201  
Office: 410.767.6201  
Email: Joseph.Anelli@maryland.gov